

4.6.5 | $x = [3, -5, 1, 2]^T$

a.) $g(t) = \begin{cases} f(t), & t \in [0, T] \\ f(2T-t), & t \in [T, 2T] \end{cases}$

$$y = [3, -5, 1, 2, 2, 1, -5, 3]$$